

# Year 6 Arithmetic Test 21

NAME: \_\_\_\_\_

1  = 2,800 + 30

1 mark

2 178 x 6 =

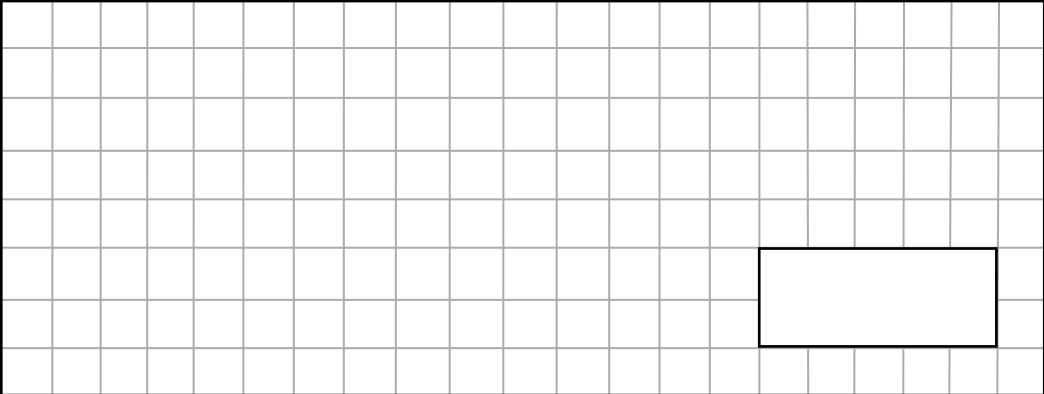
1 mark

3 4,600,300 = 4,000,000 +  + 300

1 mark

4

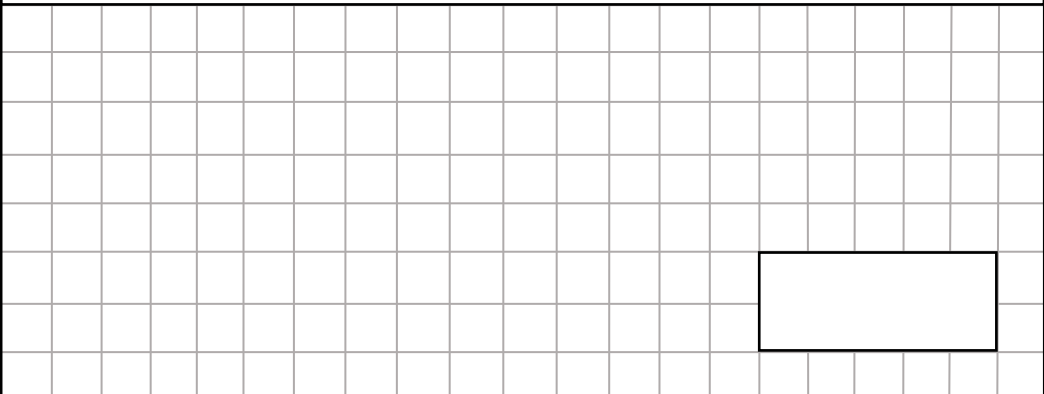
$$67 \times 9 =$$



1 mark

5

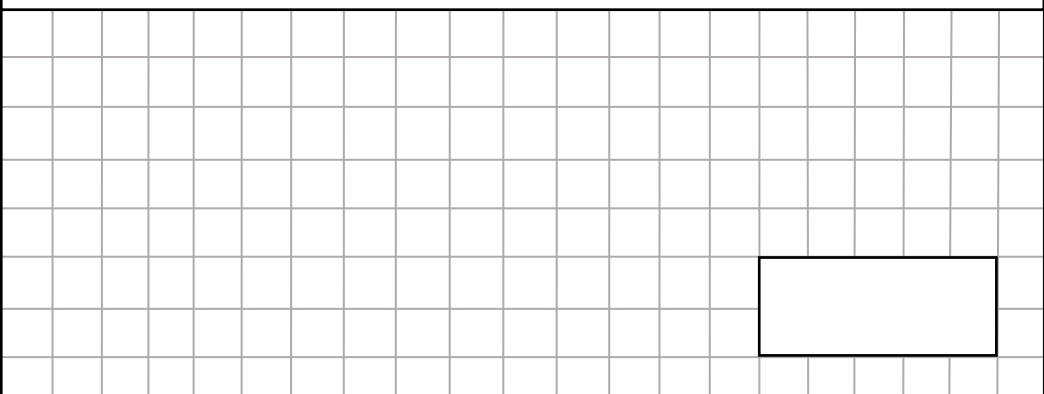
$$\boxed{\phantom{000}} + 53 = 699$$



1 mark

6

$$84 \div 12 =$$



1 mark

7

$$312 - 49 =$$

1 mark

8

$$224 \div 8 =$$

1 mark

9

$$4,329 \times 1,000 =$$

1 mark

10

$$2 \times \boxed{\phantom{000}} \times 8 = 80$$

1 mark

11

$$1\frac{1}{6} - \frac{5}{12} =$$

1 mark

12

$$324 \div 9 =$$

1 mark

13

$$100 \times 0.623 =$$

1 mark

14

$$0.371 \div \boxed{\phantom{00}} = 0.00371$$

1 mark

15

$$\boxed{\phantom{00}} - 2,691 = 74,582$$

1 mark

16

$$400 \times 800 =$$

A grid for working out the calculation. The grid is 20 columns wide and 10 rows high. A rectangular box is drawn on the grid, spanning from the 16th column to the 20th column and from the 4th row to the 6th row.



1 mark

17

$$4.7 \times 6.6 =$$

A grid for working out the calculation. The grid is 20 columns wide and 10 rows high. A rectangular box is drawn on the grid, spanning from the 16th column to the 20th column and from the 4th row to the 6th row.



1 mark

18

$$20\% \text{ of } 500 =$$

A grid for working out the calculation. The grid is 20 columns wide and 10 rows high. A rectangular box is drawn on the grid, spanning from the 16th column to the 20th column and from the 4th row to the 6th row.



1 mark

19

$$\frac{2}{5} + 1\frac{3}{10} =$$

  
1 mark

20

4 2 | 1 9 3 2

Show  
your  
method  
2 marks

21

$$17 - 7.501 =$$

  
1 mark

22

$$\begin{array}{r} \phantom{x} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ \phantom{x} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ \phantom{x} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ \times \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ \hline \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \end{array}$$

Show  
your  
method 2 marks

23

$$\frac{4}{7} + \frac{3}{8} =$$

 1 mark

24

$$54 - (7 \times 5) =$$

 1 mark



25

$$\frac{2}{5} \times 135 =$$


1 mark

26

$$25\% \times 320 =$$


1 mark

27

$$790,406 - 83,926 =$$


1 mark

28

$3.7 \times 16 =$

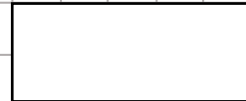


1 mark

29

			8	3	2	9		
x			6	8				
<hr/>								

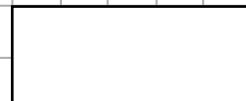
Show  
your  
method



2 marks

30

$\frac{3}{10} \div 3 =$



1 mark

31

$$1\frac{4}{5} + 2\frac{1}{2} + \frac{1}{3} =$$

1 mark

32

$$2\frac{4}{9} - 1\frac{3}{11} =$$

1 mark

33

$$0.426 \div 10 =$$

1 mark

34

$$92\% \text{ of } 6,500 =$$

A large grid for showing the method of solving the problem.

1 mark

35

$$1\frac{3}{8} \times 18 =$$

A large grid for showing the method of solving the problem.

1 mark

36

$$8 \ 4 \ | \ 8 \ 1 \ 4 \ 8$$

Show  
your  
method

A large grid for showing the method of solving the problem.

2 marks

ANSWERS

1	$\boxed{2,830} = 2,800 + 30$	<input type="checkbox"/> 1 mark
2	$178 \times 6 = 1,068$	<input type="checkbox"/> 1 mark
3	$4,600,300 = 4,000,000 + \boxed{600,000} + 300$	<input type="checkbox"/> 1 mark
4	$67 \times 9 = 603$	<input type="checkbox"/> 1 mark
5	$\boxed{646} + 53 = 699$	<input type="checkbox"/> 1 mark
6	$84 \div 12 = 7$	<input type="checkbox"/> 1 mark
7	$312 - 49 = 263$	<input type="checkbox"/> 1 mark
8	$224 \div 8 = 28$	<input type="checkbox"/> 1 mark
9	$4,329 \times 1,000 = 4,329,000$	<input type="checkbox"/> 1 mark
10	$2 \times \boxed{5} \times 8 = 80$	<input type="checkbox"/> 1 mark
11	$1\frac{1}{6} - \frac{5}{12} = \frac{3}{4}$	<input type="checkbox"/> 1 mark
12	$324 \div 9 = 36$	<input type="checkbox"/> 1 mark
13	$100 \times 0.623 = 62.3$	<input type="checkbox"/> 1 mark
14	$0.371 \div \boxed{100} = 0.00371$	<input type="checkbox"/> 1 mark

15	$77,273 - 2,691 = 74,582$	<input type="checkbox"/> 1 mark
16	$400 \times 800 = 320,000$	<input type="checkbox"/> 1 mark
17	$4.7 \times 6.6 = 31.02$	<input type="checkbox"/> 1 mark
18	$20\% \text{ of } 500 = 100$	<input type="checkbox"/> 1 mark
19	$\frac{2}{5} + 1\frac{3}{10} = 1\frac{7}{10}$	<input type="checkbox"/> 1 mark
20	$1,932 \div 42 = 46$ up to 1 mark for 1 error	<input type="checkbox"/> 2 marks
21	$17 - 7.501 = 9.499$	<input type="checkbox"/> 1 mark
22	$823 \times 45 = 37,035$ up to 1 mark for 1 error	<input type="checkbox"/> 2 marks
23	$\frac{4}{7} + \frac{3}{8} = \frac{53}{56}$	<input type="checkbox"/> 1 mark
24	$54 - (7 \times 5) = 19$	<input type="checkbox"/> 1 mark
25	$\frac{2}{5} \times 135 = 54$	<input type="checkbox"/> 1 mark
26	$25\% \times 320 = 80$	<input type="checkbox"/> 1 mark
27	$790,406 - 83,926 = 706,480$	<input type="checkbox"/> 1 mark
28	$3.7 \times 16 = 59.2$	<input type="checkbox"/> 1 mark
29	$8,329 \times 68 = 566,372$ up to 1 mark for 1 error	<input type="checkbox"/> 2 marks

30	$\frac{3}{10} \div 3 = \frac{1}{10}$	<input type="checkbox"/> 1 mark
31	$1\frac{4}{5} + 2\frac{1}{2} + \frac{1}{3} = 4\frac{19}{30}$	<input type="checkbox"/> 1 mark
32	$2\frac{4}{9} - 1\frac{3}{11} = 1\frac{17}{99}$	<input type="checkbox"/> 1 mark
33	$0.426 \div 10 = 0.0426$	<input type="checkbox"/> 1 mark
34	92% of 6,500 = 5,980	<input type="checkbox"/> 1 mark
35	$1\frac{3}{8} \times 18 = 24\frac{3}{4}$	<input type="checkbox"/> 1 mark
36	$8,148 \div 84 = 97$	<input type="checkbox"/> 2 marks

up to 1 mark for 1 error